

Run on: April 26, 2003, 16:05:14 ; Search time 54 Seconds
 (without alignments)
 8916.343 Million cell updates/sec

Title: OM nucleic - nucleic search, using sw mode

Perfect score: US-09-836-960-4

Sequence: 1 cccacacgtccggcgacgq aaaaaaaaaaaaaaaa 1570

Scoring table: IDENTITY.NUC Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
 Maximum DB seq length: 200000000
 Maximum Match 0%
 Listing first 45 summaries

Database : Issued_Patents_NA:*

- 1: /cgn2_6/podata/1/ina/5B_COMB.seq:*
- 2: /cgn2_6/podata/1/ina/5B_COMB.seq:*
- 3: /cgn2_6/podata/1/ina/6B_COMB.seq:*
- 4: /cgn2_6/podata/1/ina/6B_COMB.seq:*
- 5: /cgn2_6/podata/1/ina/POMUS.COMB.seq:*
- 6: /cgn2_6/podata/1/ina/backfilesl.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	DB ID	Description
1	805.2	51.3	917	2	US-08/951-822-1
2	805.2	51.3	917	4	US-09-368-951-1
3	765.2	48.7	947	4	US-09-173-043-24
4	447	28.5	621	2	US-08-951-822-6
5	447	28.5	621	4	US-09-368-951-6
6	217.8	13.9	640	4	US-09-160-221A-1
7	217.8	13.9	641	1	US-08-462-965A-1
8	216.2	13.8	641	4	US-09-036-985A-1
9	213.8	13.6	997	4	US-09-057-860A-3
10.	211	13.4	1419	4	US-09-276-531-1
11	99	14.1	2	US-09-551-822-9	
12	99	6.3	141	4	US-09-173-043-29
13	99	6.3	141	4	US-09-368-951-19
14	74.4	4.7	477	1	US-09-153-994-1
15	74	4.7	599	6	US-03-019-1
16	73	4.6	144	2	US-08-951-822-20
17	73	4.6	144	4	US-09-173-043-34
18	73	4.6	144	4	US-09-368-051-20
19	73	4.6	528	4	US-08-478-486F-10
20	73	4.6	618	4	US-08-477-486F-9
21	73	4.6	1142	4	US-08-478-486F-11
22	73	4.6	1219	5	PCT-US93-00251-11.
23	72	4.6	423	1	US-08-187-780-5
24	72	4.6	423	2	US-08-478-485-2
25	72	4.6	423	2	US-08-478-485-5
26	72	4.6	423	2	US-08-478-485-2
27	72	4.6	423	4	US-08-478-486F-2

ALIGNMENTS

SEQ_ID	ID	NO.	LENGTH:	TYPE: DNA	ORGANISM: Homo sapiens	FEATURE: CDS	NAME/KEY: CDS	LOCATION: (1)..(621)	RESULT 1
1	US-08/951-822-1	1	917	sequence 1, Appli	Patent No. 598966.	APPLICANT: Deisher, Theresa A.	APPLICANT: Conklin, Darrell C.	APPLICANT: Raymond, Fenella	sequence 1, Appli
2	US-09-368-951-6	1	917	sequence 1, Appli		APPLICANT: Bukowski, Thomas R.	APPLICANT: Holderman, Susan D.	APPLICANT: Hansen, Birgit	sequence 2, Appli
3	US-09-173-043-24	1	947	sequence 24, Appli		APPLICANT: Sheppard, Paul O.	TITLE OF INVENTION: NOVEL FGF HOMOLOGS	FILE REFERENCE: 96-20	sequence 3, Appli
4	US-08-951-822-6	1	917	sequence 6, Appli		CURRENT APPLICATION NUMBER: US/08/951,822A	CURRENT FILING DATE: 1997-10-16	NUMBER OF SEQ ID NOS: 36	sequence 4, Appli
5	US-09-368-951-6	1	917	sequence 6, Appli		SOFTWARE: FastSEQ for Windows Version 3.0	SEQ_ID NO: 1	SEQ LENGTH: 917	sequence 5, Appli
6	US-09-160-221A-1	1	917	sequence 6, Appli		TYPE: DNA	LENGTH: 917	TYPE: DNA	sequence 6, Appli
7	US-08-462-965A-1	1	917	sequence 6, Appli		ORGANISM: Homo sapiens	LENGTH: 917	ORGANISM: Homo sapiens	sequence 7, Appli
8	US-09-036-985A-1	1	917	sequence 6, Appli		FEATURE: CDS	LENGTH: 917	FEATURE: CDS	sequence 8, Appli
9	US-09-057-860A-3	1	997	sequence 6, Appli		NAME/KEY: CDS	LENGTH: 917	NAME/KEY: CDS	sequence 9, Appli
10.	US-09-276-531-1	1	917	sequence 6, Appli		LOCATION: (1)..(621)	LOCATION: (1)..(621)	LOCATION: (1)..(621)	LOCATION: (1)..(621)
11	US-09-551-822-9	1	917	sequence 6, Appli		RESULT 1	RESULT 1	RESULT 1	RESULT 1
12	US-09-173-043-29	1	917	sequence 6, Appli		sequence 1, Application US/08951822A			
13	US-09-368-951-19	1	917	sequence 6, Appli		Patent No. 598966.	Patent No. 598966.	Patent No. 598966.	Patent No. 598966.
14	US-09-153-994-1	1	917	sequence 6, Appli		GENERAL INFORMATION:	GENERAL INFORMATION:	GENERAL INFORMATION:	GENERAL INFORMATION:
15	US-03-019-1	1	997	sequence 6, Appli		APPLICANT: Deisher, Theresa A.			
16	US-08-951-822-20	1	917	sequence 6, Appli		APPLICANT: Conklin, Darrell C.			
17	US-09-173-043-34	1	917	sequence 6, Appli		APPLICANT: Raymond, Fenella	APPLICANT: Raymond, Fenella	APPLICANT: Raymond, Fenella	APPLICANT: Raymond, Fenella
18	US-09-368-051-20	1	917	sequence 6, Appli		APPLICANT: Bukowski, Thomas R.			
19	US-08-478-486F-10	1	917	sequence 6, Appli		APPLICANT: Holderman, Susan D.			
20	US-08-477-486F-9	1	917	sequence 6, Appli		APPLICANT: Hansen, Birgit	APPLICANT: Hansen, Birgit	APPLICANT: Hansen, Birgit	APPLICANT: Hansen, Birgit
21	US-08-478-486F-11	1	917	sequence 6, Appli		TITLE OF INVENTION: NOVEL FGF HOMOLOGS			
22	PCT-US93-00251-11.	1	917	sequence 6, Appli		FILE REFERENCE: 96-20	FILE REFERENCE: 96-20	FILE REFERENCE: 96-20	FILE REFERENCE: 96-20
23	US-08-187-780-5	1	917	sequence 6, Appli		CURRENT APPLICATION NUMBER: US/08/951,822A			
24	US-08-478-485-2	1	917	sequence 6, Appli		CURRENT FILING DATE: 1997-10-16			
25	US-08-478-485-5	1	917	sequence 6, Appli		NUMBER OF SEQ ID NOS: 36			
26	US-08-478-485-2	1	917	sequence 6, Appli		SOFTWARE: FastSEQ for Windows Version 3.0			
27	US-08-478-486F-2	1	917	sequence 6, Appli		SEQ_ID NO: 1	SEQ_ID NO: 1	SEQ_ID NO: 1	SEQ_ID NO: 1

SEQUENCES

SEQ_ID	NAME	SEQUENCE
1	ATGTTTCAGGCCCTCCGGCTGACTTGCTGTACACTTCTGCTGTGCTC	550 ATGTTTCAGGCCCTCCGGCTGACTTGCTGTACACTTCTGCTGTGCTC
2	ATGTTTCAGGCCCTCCGGCTGACTTGCTGTACACTTCTGCTGTGCTC	550 ATGTTTCAGGCCCTCCGGCTGACTTGCTGTACACTTCTGCTGTGCTC
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6	ATGTTTCAGGCCCTCCGGCTGACTTGCTGTACACTTCTGCTGTGCTC	550 ATGTTTCAGGCCCTCCGGCTGACTTGCTGTACACTTCTGCTGTGCTC
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QY 850 GCGAAGGAGCAGGATTCTACCTGTGCAATGAAACCGCAAAAGGAAGCTGTGGGAAGCCC 909
Db 301 GCGAAGGAGCAGGATTCTACCTGTGCAATGAAACCGCAAAAGGAAGCTGTGGGAAGCCC 350
QY 910 GATGGCACCCAGCAAGGACTGTGTTCATGAGAAGGTTCTGGAGAACAACTACACGCC 969
Db 361 GATGGCACCCAGCAAGGACTGTGTTCATGAGAAGGTTCTGGAGAACAACTACACGCC 420
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Db 421 CTGATGTCGGCTTACTCCGCTGCTACGGGGCTCACCAAGAAGGGGGGGGGGG 480
QY 1030 AGGGGCCAACCCGGAGGACTGTGTTCATGAGAAGGTTCTGGAGAACAACTACACGCC 1089
Db 481 AGGGGCCAACCCGGAGGACTGTGTTCATGAGAAGGTTCTGGAGAACAACTACACGCC 540
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Db 541 GGGCAGCGGAGCTCAGAGGCCCTCAAGTACACGAGGGGACCAAGAGGTCCCGTGG 600
QY 1150 ATCCGGCCACACACCCTGCCPAGGCACCCGGGGCCCTCAGTCGCGCTGGCA 1209
Db 601 ATCCGGCCACACACCCTGCCPAGGCACCCGGGGGGGGGGGGGGGGGGGGGGGGGG 659
QY 1210 CACTCACACTCCGAAACTCTCATCAGAGGATTTTACATGAAAATAAGGAGAA 1269
Db 660 CACTCACACTCCGAAACTCTCATCAGAGGATTTTACATGAAAATAAGGAGAA 708
QY 1270 GCTCTATTTTACATGTGTTAAAGAAGAACAAACTAACCAACACTCTGGGG 1329
Db 709 ----- 708
QY 1330 GAGGGGTGATAAGGATTTATGGTACTTGAAACCCCGATGACAAAGACTCAGCAA 1389
Db 709 -----ATAAGGATTTATGGTACTTGAAACCCCGATGACAAAGACTCAGCAA 760
QY 1390 AGGGACTGTGTAACCCACAGGTGCTCTCTCTAGGACACAACTCAACT 1449
Db 761 AGGGACTGTGTAACCCACAGGTGCTCTCTCTAGGACACAACTCAACT 820
QY 1450 GTCCCCAGAGGAGGACTGTGATGAGAACACACTTGAGAGCCAAGTCTTTTC 1509
Db 821 GTCCCCAGAGGAGGACTGTGATGAGAACACACTTGAGAGCCAAGTCTTTTC 880
QY 1510 CGAAGGTTCTGAAGAAAAAA 1539
Db 881 CGAAGGTTCTGAAGAAAAAA 910

RESULT 2

US-09-368-951-1

; Sequence 1, Application US/09368951

; Patient No. 6335971

; GENERAL INFORMATION:

; APPLICANT: Delsher, Theresa A.

; APPLICANT: Conklin, Darrell C.

; APPLICANT: Raymond, Fenella

; APPLICANT: Bukowski, Thomas R.

; APPLICANT: Holderman, Susan D.

; APPLICANT: Hansen, Birgit

; APPLICANT: Sheppard, Paul O.

; TITLE OF INVENTION: NOVEL FGF HOMOLOGS

; FILE REFERENCE: 96-20

; CURRENT APPLICATION NUMBER: US/09/368, 951

; CURRENT FILING DATE: 1999-08-05

; EARLIER APPLICATION NUMBER: 08/951, 822

; EARLIER FILING DATE: 1997-10-16

; NUMBER OF SEQ ID NOS: 36

; SOFTWARE: FASTSEQ for Windows Version 3.0

; SEQ_ID NO 1

; LENGTH: 917

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE: NAME/KEY: CDS

; LOCATION: (1)...(621)

US-09-368-951-1

Query Match 51.3%; Score 805.2; DB 4; Length 917;
Best Local Similarity 91.6%; Pred. No. 1..e-139; Matches 907; Conservative 0; Mismatches 3; Indels 80; Gaps 2;

Db 1 ATGTTATCAGGCCCTCGCCCTGACUTGCTGTGTTACACTTCGCTGTGCTGCTTC 60

Db 610 CAGTAGGGTGTGTTGCGAGGAGACGTGGACTTCGGATCCGATCCGTTACCTGCTGCTGCTTC 609

Db 611 CAGGTACGGTGTGCGAGGAGACCTGGACTTCGGATCCGCTCAGTGGAGACCCAG 120

Db 670 ACCAGTGGAAACACATCAGTCTGGCCAGGATCAGTGGCCGAGGATCAGTGGCCGAGGATGG 789

Db 181 ACCAGTGGAAACACATCAGTCTGGCCAGGATCAGTGGCCGAGGATGG 240

Db 121 AGCGGGCTCGGGACGATGTGAGCCGTAAGCAGTCGCGCTGTACAGCCG 180

Db 730 ACCAGTGGAAACACATCAGTCTGGCCAGGATCAGTGGCCGAGGATGG 789

Db 241 GACAAGTGTGCCAGCTCTAGTGGAGACAGACACTTCGGTAGTCAGTGGATCAAGTCCGGATCAAG 300

Db 850 GCGAAGGAGGAACTTACCTGTGCTGATGACCCGAAAGCAASCTCGGGGGAGGCC 909

Db 301 GCGAAGGAGGAACTTACCTGTGCTGATGACCCGAAAGCAAGCGCTGCGGGAGGCC 360

Db 910 GATGGCAGGAGGACTCTAGTGGCTGTGTCATGAGACACCCGAAAGCAAGCGCTGCGGGAGGCC 969

Db 361 GATGGCAGGAGGACTCTAGTGGCTGTGTCATGAGACACCCGAAAGCAAGCGCTGCGGGAGGCC 420

Db 970 CTGATGTCGGCTAAGTACTCGGGCTGTGACCGCAAGCCGAAAGCAAGCGCTGCGGGAGGCC 1029

Db 421 CTGATGTCGGCTAAGTACTCGGGCTGTGACCGCAAGCCGAAAGCAAGCGCTGCGGGAGGCC 480

Db 1030 AAGGGCCAGACCCGGGAGAACCCGAGGACTCTAGTGGCTGTGTCATGAGACACCCGAAAGCAAGCGCTGCGGGAGGCC 1089

Db 481 AAGGGCCAGACCCGGGAGAACCCGAGGACTCTAGTGGCTGTGTCATGAGACACCCGAAAGCAAGCGCTGCGGGAGGCC 540

Db 1090 GGGCAGCCGGAGCTTCAGAACCCCTCAAGTACACGAGGACTGACCAAGGGTCCCGTGG 1149

Db 541 GGGCAGCCGGAGCTTCAGAACCCCTCAAGTACACGAGGACTGACCAAGGGTCCCGTGG 600

Db 1150 ATCCGGCCACACACCCTGCTTAGGCCACCCGGGGCCCTAGGGCCCTGGGCCA 1209

Db 601 ATCCGGCCACACACCCTGCTTAGGCCACCCGGGGCCCTAGGGCCCTGGGCCA 659

Db 1210 CACTCACCTCCGAAACACTGTGATGAGAACACACTTGAGAGCCAAGTCTTTTC 1269

Db 660 CACTCACCTCCGAAACACTGTGATGAGAACACACTTGAGAGCCAAGTCTTTTC 708

Db 1270 GCTCTATTTTACATGTGTTAAAGAAGAACAAACACTGAACCAAAACTCTGGGG 1329

Db 709 ----- 708

QY 1330 GAGGGGTGATAAGGATTTATGGTACTTGAAACCCCGATGACAAAGACTCAGCAA 1389

Db 761 AGGGACTGTGTAACCCACAGGTGCTCTCTCTAGGACACAACTCAACT 820

QY 1450 GTCCCCAGAGGAGGACTGTGATGAGAACACACTTGAGAGCCAAGTCTTTTC 1509

Db 821 GTCCCCAGAGGAGGACTGTGATGAGAACACACTTGAGAGCCAAGTCTTTTC 880

QY 1510 CGAAGGTTCTGAAGAAAAAA 1539

Db 881 CGAAGGTTCTGAAGAAAAAA 910

QY 1510 CAAAGGTTCTGAAGAAAAAAA 1539
 ||||| ||||| ||||| |||||
 Db 881 CAAAGGTTCTGAAGAAAAAAA 910
 RESULT 3
 US-09-173-043-24
 ; Sequence 24, Application US/09173043
 ; Patent No. 6207442
 ; GENERAL INFORMATION:
 ; APPLICANT: Raymond, Christopher K.
 ; TITLE OF INVENTION: PLASMID CONSTRUCTION BY HOMOLOGOUS
 ; TITLE OF INVENTION: RECOMBINATION
 ; FILE REFERENCE: 97-27
 ; CURRENT APPLICATION NUMBER: US/09/173, 043
 ; EARLIER FILING DATE: 1998-10-15
 ; EARLIER APPLICATION NUMBER: US/09/062, 051
 ; EARLIER FILING DATE: 1997-10-16
 ; NUMBER OF SEQ ID NOS: 34
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO: 24
 ; LENGTH: 917
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE: CDS
 ; NAME/KEY: CDS
 ; LOCATION: (1)...(624)
 ; US-09-173-043-24

Query Match 48.7%; Score 765.2; DB 4; Length 947;

Best Local Similarity 88.9%; Pred. No. 2.4e-13; Matches 907; Conservative 0; Mismatches 3; Indels 110; Gaps 3;

QY 550 ATGATTAGCGCCCTCGCCCTGACTGGCTGTGTTACACTCCCTGCTGCTGCTC 609
 Db 1 ATGATTAGCGCCCTCGCCCTGACTGGCTGTGTTACACTCCCTGCTGCTGCTC 60
 QY 610 CAGSTACAGTGTCTGGTGGCCAGGAGACGCTGACTTCGCATCCACGTGAGAACAG 669
 Db 61 CAGGTACAGTGTCTGGTGGCCAGGAGACGACTTCGCATCCACGTGAGAACAG 120
 QY 670 ACGGGGCTCGGGAGATGCTGGCGCTAGCCAGCTGGCGCTGAGCTGGCGCTGAGCG 729
 Db 121 ACGGGGCTCGGGAGATGCTGGCGCTAGCCAGCTGGCGCTGAGCG 180
 QY 730 ACCAGTGGAAACATCCAGGCTGGCCGGAGGATCAGTGCCCCGGGAGATGG 789
 Db 181 ACCAGTGGAAACATCCAGGCTGGCCGGGAGGATCAGTGCCCCGGGAGATGG 729
 QY 790 GACAGTATGCCAGCTCTAGTGAGACAGCACCTGGTAGTCAGTCAGTCAG 849
 Db 241 GACAGTATGCCAGCTCTAGTGAGACAGCACCTGGTAGTCAGTCAG 300
 QY 850 GGCAAGGAGCAAGGAAATCTACCTCTGGCATGAAAGGCAAGCTGGGAAAGGCC 909
 Db 301 GGCAAGGAGCAAGGAAATCTACCTCTGGCATGAAAGGCAAGCTGGGAAAGGCC 360
 QY 910 GATGCCACAGCAAGGACTGTGTTCATGGAGAGGTCTGGAGAGACATACACGGCC 969
 Db 361 GATGCCACAGCAAGGACTGTGTTCATGGAGAGGTCTGGAGAGACATACACGGCC 420
 QY 970 CTGATGTCGGCTAAGTACTCCGGTGGTACGTGGCTTCACCGAAAGGGGGCGCCGGG 1029
 Db 421 CTGATGTCGGCTAAGTACTCCGGTGGTACGTGGCTTCACCGAAAGGGGGCGCCGGG 480
 QY 1030 AASGGCCCAGACCCGGAGAACGAGCAAGGGGGCGCCGGC 1089
 481 AAGGGCCCAGACCCGGAGAACGAGCAAGGGGGCGCCGGC 540
 QY 1090 GGCAGCGGAGGTCTAGAACGCTTCAGTACAGCACAGGGTGGACAGGGCCGG 1149
 Db 541 GGCAGCGGAGGTCTAGAACGCTTCAGTACAGCACAGGGTGGACAGGGCCGG 600

QY 1150 ATCCGGCCCACACACCCCTGCCTAG-----GCCACC 1179
 Db 601 ATCCGGCCCACACACCCCTGCCTAGHLRHSRGRRGRGLERGRHRSROLAGCCAC 660
 QY 1180 CGCGGGCCCTCAGGGCCACTCACCTCCAGAACACTGATCAG 1239
 Db 661 CGCGGGCCCTCAGGGCCACTCACCTCCAGAACACTGATCAG 719
 QY 1240 GAATATTATACATGAAATAAGGAGAAGCTATTTGTACATGTTAAAGA 1299
 Db 720 GATATTATACATGAA----- 738
 QY 1360 GAACCCCGATGACAAGACTACGGAAAGGACTTGATGACAGGTGT 1419
 Db 761 GAAACCCCGATGACAAGACTACGGAAAGGACTTGATGAGAAC 820
 QY 1420 CTCTCTCTAGGAGACAGACACTAACTGTCGCCAGGGAGACTGATGAGAAC 1479
 Db 821 CTCTCTCTAGGAGACAGACACTAACTGTCGCCAGGGAGACTGATGAGAAC 880
 QY 1480 CAACACTTGAGAAGCCAAAGTCCTTCCAAAGGTCTGAAAGGAAAAAAA 1539
 Db 881 CAACACTTGAGAAGCCAAAGTCCTTCCAAAGGTCTGAAAGGAAAAAAA 940

RESULT 4

US-08-951-822-6
 ; Sequence 6, Application US/08951822A
 ; Patent No. 5989866
 ; GENERAL INFORMATION:
 ; APPLICANT: Deisler, Theresa A.

Db 1 APPLICANT: Conklin, Darrell C.
 ; APPLICANT: Raymond, Renelia
 ; APPLICANT: Bukowski, Thomas R.
 ; APPLICANT: Holderman, Susan D.
 ; APPLICANT: Hansen, Birgit
 ; APPLICANT: Shepard, Paul O.

QY 550 ATGATTAGCGCCCTCGCCCTGACTGGCTGTGTTACACTCCCTGCTGCTC 609
 Db 1 ATGATTAGCGCCCTCGCCCTGACTGGCTGTGTTACACTCCCTGCTGCTC 60
 QY 610 CAGSTACAGTGTCTGGTGGCCAGGAGACGCTGACTTCGCATCCACGTGAGAACAG 669
 Db 61 CAGGTACAGTGTCTGGTGGCCAGGAGACGACTTCGCATCCACGTGAGAACAG 120
 QY 670 ACGGGGCTCGGGAGATGCTGGCGCTAGCCAGCTGGCGCTGAGCTGGCGCTGAGCG 729
 Db 121 ACGGGGCTCGGGAGATGCTGGCGCTAGCCAGCTGGCGCTGAGCG 180
 QY 730 ACCAGTGGAAACATCCAGGCTGGCCGGAGGATCAGTGCCCCGGGAGATGG 789
 Db 181 ACCAGTGGAAACATCCAGGCTGGCCGGGAGGATCAGTGCCCCGGGAGATGG 729
 QY 790 GACAGTATGCCAGCTCTAGTGAGACAGCACCTGGTAGTCAGTCAG 849
 Db 241 GACAGTATGCCAGCTCTAGTGAGACAGCACCTGGTAGTCAGTCAG 300
 QY 850 GGCAAGGAGCAAGGAAATCTACCTCTGGCATGAAAGGCAAGCTGGGAAAGGCC 909
 Db 301 GGCAAGGAGCAAGGAAATCTACCTCTGGCATGAAAGGCAAGCTGGGAAAGGCC 360
 QY 910 GATGCCACAGCAAGGACTGTGTTCATGGAGAGGTCTGGAGAGACATACACGGCC 969
 Db 361 GATGCCACAGCAAGGACTGTGTTCATGGAGAGGTCTGGAGAGACATACACGGCC 420
 QY 970 CTGATGTCGGCTAAGTACTCCGGTGGTACGTGGCTTCACCGAAAGGGGGCGCCGGG 1029
 Db 421 CTGATGTCGGCTAAGTACTCCGGTGGTACGTGGCTTCACCGAAAGGGGGCGCCGGG 480
 QY 1030 AASGGCCCAGACCCGGAGAACGAGCAAGGGGGCGCCGGC 1089
 481 AAGGGCCCAGACCCGGAGAACGAGCAAGGGGGCGCCGGC 540
 QY 1090 GGCAGCGGAGGTCTAGAACGCTTCAGTACAGCACAGGGTGGACAGGGCCGG 1149
 Db 541 GGCAGCGGAGGTCTAGAACGCTTCAGTACAGCACAGGGTGGACAGGGCCGG 600

QY 1150 ATCCGGCCCACACACCCCTGCCTAG-----GCCACC 1179
 Db 601 ATCCGGCCCACACACCCCTGCCTAGHLRHSRGRRGRGLERGRHRSROLAGCCAC 660
 QY 1180 CGCGGGCCCTCAGGGCCACTCACCTCCAGAACACTGATCAG 1239
 Db 661 CGCGGGCCCTCAGGGCCACTCACCTCCAGAACACTGATCAG 719
 QY 1240 GAATATTATACATGAAATAAGGAGAAGCTATTTGTACATGTTAAAGA 1299
 Db 720 GATATTATACATGAA----- 738
 QY 1360 GAACCCCGATGACAAGACTACGGAAAGGACTTGATGACAGGTGT 1419
 Db 761 GAAACCCCGATGACAAGACTACGGAAAGGACTTGATGAGAAC 820
 QY 1420 CTCTCTCTAGGAGACAGACACTAACTGTCGCCAGGGAGACTGATGAGAAC 1479
 Db 821 CTCTCTCTAGGAGACAGACACTAACTGTCGCCAGGGAGACTGATGAGAAC 880
 QY 1480 CAACACTTGAGAAGCCAAAGTCCTTCCAAAGGTCTGAAAGGAAAAAAA 1539
 Db 881 CAACACTTGAGAAGCCAAAGTCCTTCCAAAGGTCTGAAAGGAAAAAAA 940

RESULT 4

US-08-951-822-6
 ; Sequence 6, Application US/08951822A
 ; Patent No. 5989866
 ; GENERAL INFORMATION:
 ; APPLICANT: Deisler, Theresa A.

Db 1 APPLICANT: Conklin, Darrell C.
 ; APPLICANT: Raymond, Renelia
 ; APPLICANT: Bukowski, Thomas R.
 ; APPLICANT: Holderman, Susan D.
 ; APPLICANT: Hansen, Birgit
 ; APPLICANT: Shepard, Paul O.

QY 550 ATGATTAGCGCCCTCGCCCTGACTGGCTGTGTTACACTCCCTGCTGCTC 609
 Db 1 ATGATTAGCGCCCTCGCCCTGACTGGCTGTGTTACACTCCCTGCTGCTC 60
 QY 610 CAGGTACAGTGTCTGGTGGCCAGGAGACGCTGACTTCGCATCCACGTGAGAACAG 669
 Db 61 CAGGTACAGTGTCTGGTGGCCAGGAGACGACTTCGCATCCACGTGAGAACAG 120
 QY 670 ACGGGGCTCGGGAGATGCTGGCGCTAGCCAGCTGGCGCTGAGCTGGCGCTGAGCG 729
 Db 121 ACGGGGCTCGGGAGATGCTGGCGCTAGCCAGCTGGCGCTGAGCG 180
 QY 730 ACCAGTGGAAACATCCAGGCTGGCCGGAGGATCAGTGCCCCGGGAGATGG 789
 Db 181 ACCAGTGGAAACATCCAGGCTGGCCGGGAGGATCAGTGCCCCGGGAGATGG 729
 QY 790 GACAGTATGCCAGCTCTAGTGAGACAGCACCTGGTAGTCAGTCAG 849
 Db 241 GACAGTATGCCAGCTCTAGTGAGACAGCACCTGGTAGTCAGTCAG 300
 QY 850 GGCAAGGAGCAAGGAAATCTACCTCTGGCATGAAAGGCAAGCTGGGAAAGGCC 909
 Db 301 GGCAAGGAGCAAGGAAATCTACCTCTGGCATGAAAGGCAAGCTGGGAAAGGCC 360
 QY 910 GATGCCACAGCAAGGACTGTGTTCATGGAGAGGTCTGGAGAGACATACACGGCC 969
 Db 361 GATGCCACAGCAAGGACTGTGTTCATGGAGAGGTCTGGAGAGACATACACGGCC 420
 QY 970 CTGATGTCGGCTAAGTACTCCGGTGGTACGTGGCTTCACCGAAAGGGGGCGCCGGG 1029
 Db 421 CTGATGTCGGCTAAGTACTCCGGTGGTACGTGGCTTCACCGAAAGGGGGCGCCGGG 480
 QY 1030 AASGGCCCAGACCCGGAGAACGAGCAAGGGGGCGCCGGC 1089
 481 AAGGGCCCAGACCCGGAGAACGAGCAAGGGGGCGCCGGC 540
 QY 1090 GGCAGCGGAGGTCTAGAACGCTTCAGTACAGCACAGGGTGGACAGGGCCGG 1149
 Db 541 GGCAGCGGAGGTCTAGAACGCTTCAGTACAGCACAGGGTGGACAGGGCCGG 600

QY 700 CAGCTCCGGCTGTACCAAGCTCTACAGCCGACCAGTGGAAACACATCCAGGTCCTGGC ; LENGTH: 641 base pairs
 QY 140 CAGATCCGCGATCACACTACAGCAGGACAGTGAAAGCACGTGGCAGGTCCTGGC ; TYPE: nucleic acid
 QY 760 CGCAGGATCACTGGCCGGCGAGGATGGGAGAACAGTATGCCAGCTCTGTAGGAGACA ; STRANDEDNESS: single
 QY 200 CGTCGATCICGCCACCGCCGAGGAGCGCACAGTTGCCAAGCTCTAGTGAGACG ; TOPOLOGY: linear
 Db 260 GACAGCTTGCAGCGGGCTCGCATCAAGGGCTGAGAGTGAGAAGTACATCTGTAG ; MOLECULE TYPE: cDNA
 QY 880 AACGCCAAGGCGAAGCTCGGGAGAGCCGATGCCAGCAGGAGCTCPACCTGTGAGC ; US-08-452-965A-1
 QY 820 GACACCTTCGGTAGTCGAAGGGATCAAGGGCAGGAGACGGATTCPACCTGTGAGC ; Query Match 13.9%; Score 217.8; DB 1; Length 641;
 QY 140 CAGATCCGCGATCACACTACAGCAGGTCCTGGCAGGTCCTGGCAGGTCCTGGC ; Best Local Similarity 60.5%; Pred. No. 7.9e-32;
 Db 320 AACAGAGGGCAGCTCATGGGAGAACAGCCAGGGAGAACAGACTCGCTGCTCAGC ; Matches 376; Conservative 0; Mismatches 242; Indels 3; Gaps 1;
 QY 940 GAGAAGGTTCTGGAGAACAACTACAGGCCCTGATGTGCGCTAAGTACTCGGTGTA ; MOLECULE TYPE: cDNA
 QY 380 GAGATCTGGAGAACAACTATACGGCCTCCAGAAGGCCGACAGGGCTGGTC ; 999
 QY 1000 GTGGGCTTCACCAAGAAGGGCGGGCGGAGGAGGSCCCAGAACCGGGAGAACAGC ; US-08-452-965A-1
 Db 500 GAGGCCACTTCATCAAGCGCTCATCAAGGCCAGTCGCCCTCCACAGCGAG ; 1059
 QY 440 ATGGCTTCAGGGCAGGGCGGGCCGCCAGGGCTCCCGAGGCCAGAACAGCGC ; 379
 Db 560 AACAGAGGGCAGCTCATGGGAGAACAGCCAGGGCTGGCAGGACAGCGCAGC ; 499
 QY 1120 TACAGCAGGGTGACCAAGAGGTCGCTGGGCTGGGCTGGGACAGGGCACC ; 619
 QY 1180 CGCGCGGCCCTCAGGTG 1200
 Db 620 CGGCCAGGCCCTCAGTAG 640

RESULT 7

US-08-462-965A-1

; Sequence 1, Application US/08462965A

; Patent No. 5728546

; GENERAL INFORMATION:

APPLICANT: Greene Ph.D., John M.

APPLICANT: Gruber Ph.D., Joachim R.

APPLICANT: Rosen, Craig R.

TITLE OF INVENTION: Fibroblast Growth Factor 13

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Carella, Byrne, Bain, Gifillan, Cecchi,

STREET: Stewart & Olstein

CITY: Roseland

STATE: NJ

ZIP: 07068-1739

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/462, 965A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Mullins, J.G.

REGISTRATION NUMBER: 33,073

REFERENCE/DOCKET NUMBER: 325800-439 (PF171)

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-934-1700

TELEFAX: 201-934-1744

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

RESULT 8

US-09-036-985A-1

; Sequence 1, Application US/09036985A

; Patent No. 6368822

; GENERAL INFORMATION:

APPLICANT: Greene et al.

TITLE OF INVENTION: Fibroblast Growth Factor 13

FILE REFERENCE: PF171D1

CURRENT APPLICATION NUMBER: US/09/036, 985A

CURRENT FILING DATE: 1998-03-09

PRIOR APPLICATION NUMBER: 08/462, 965

PRIOR FILING DATE: 1995-06-05

NUMBER OF SEQ ID NOS: 14

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 1

LENGTH: 641

TYPE: DNA

ORGANISM: Homo sapiens
 FEATURE: CDS
 NAME/KEY: CDS
 LOCATION: (3)..(641)
 NAME/KEY: mat_peptide
 LOCATION: (66)..(641)
 NAME/KEY: sig_peptide
 LOCATION: (3)..(65)
 US-09-036-985A-1

Query Match	Score	Length	DB	Pred	No.	Mismatches	Indels	Gaps	Best Local Similarity	Matched Sequence
QY	580	13.8%	216	2;	DB 4;	Length 641;			60.4%;	CTGTTTACACTCTGTGCTGCTTCAGTACGGCTGGTCCGGAGAAC
Db	24									CTGTTTACAGCTGTGATCTGTGTCAGAACTCAGGGGAAT
QY	640									GTGGACTCCGCATCACGGTGAGACGGACGGGGCTGGGAC
Db	81									CCTAATTTPACAGTAGCTGGAGGACCGACGGGGCTGGGAC
QY	700									CAGCTGCCGCTGTACAGCGCTCTACAGCGGCCAGTGGGA
Db	141									CAGATCCGCCGAGTACCAACTCTAGCAGCAGGACCGAGT
QY	760									CGCAGGATCAGTGGCCGGGGAGGATGGGACAAGTATGCCAG
Db	201									CGTGCATCTCCGCCACCCCGCAGACGCGAACAGTGTGAG
QY	820									GACACCTCTGGTAGTCAGTGGCGATCACAGGGAGAGAAT
Db	261									GACGTTGAGCAGCGGTTCGCATCACAGGGCTGAGAGAAT
QY	880									AACCGCAAMGCAAGCTCTGGGAAGGCCGATGGCACAGGA
Db	321									AACAGAGGGCAAGCTCATCGGAAAGCCAGGGCAGGGANG
QY	940									GAGAGGTCTGGAGAACACTACACGSCTCTAGTGTGGTA
Db	381									GAGATCGTCTGGAGAACACTATACGCCCTCCAGAACGCC
QY	1000									GTGGCTCACCAAGAAGGGGGGGAGGGCCAAGACCGGGAG
Db	441									ATGGCTTCACGCCGAGGGGGCCCGCAGCTTCGGAGACC
QY	1060									GACGTCAATTCAAGGGCTACCCCAGGGCAGCGGAGCT
Db	501									GAGGCCACTCATCACGCCCTACCAAGGGCAGCTGCC
QY	1120									TACACGACGGTACCAAGGAGGTCGCCGRRGATCGGCC
Db	561									AAGCAGAAGCAGTGTGAGTTGTGGCTCCGCCACCGCGG
QY	1180									CCGCCGCCCTCAGCTG 1200
Db	621									CGCCCCAGGCCCTCACGTAG 641

RESULT 9

Sequence 3, Application US/09057860A

Patient No. 6277820

GENERAL INFORMATION:

APPLICANT: Arnon Rosenthal

APPLICANT: Mary Hynes

APPLICANT: Weilan Ye

TITLE OF INVENTION: Method Of Dopaminergic And Serotonergic Neuron Formation From Neuroprogenitor Cells

NUMBER OF SEQUENCES: 8

RESPONSE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/057,860A

FILING DATE: 09-Apr-1998

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Svoboda, Craig G.

REGISTRATION NUMBER: 39,044

REFERENCE/DOCKET NUMBER: P1354

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-1489

TELEFAX: 650/952-9811

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 997 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Circular

US-09-057-860A-3

Query Match	Score	Length	DB	Pred	No.	Mismatches	Indels	Gaps	Best Local Similarity	Matched Sequence
QY	547	13.6%	213	8;	DB 4;	Length 997;			64.2%;	GCGATGATTCAGGCCCTCCGCCTGACTTCCTGTGTTAC
Db	171									GCATGGCGAGGCCCCGCTCCCGCGCTGAGCTGCTGCT
QY	607									TTCAGGATCAGGTGCTGGTGGAGAGAACGTTGGACT
Db	231									CTCCAAACCCAGGTAACTGTT--CAGCTCTACTTAAT
QY	667									CAAGCGGGCTGGAGCTGAGCGTAAGCAGCTGGCTG
Db	288									CAGGCCTGGTACGGATCAGCTCACGGCCCTATCCGAC
QY	727									GGATCAGTGGCCGGCGCA--GGATCAGTGGCCGGCG
Db	348									CGCACCAAGGGAAAGCAGCTGCGAGGCTCTGGCCA
QY	784									GATGGGGACAATATGCCAGCTCTAGTGGAGACAGAAC
Db	408									CTGGCTAGTGGAGACCCCTCGGAAGCTCATGTCAG
QY	844									ATCAAGGGCAAGGAGGAGAATCTACTCTGAGACG
Db	468									GTCGCCGGAGAGAAGGTTCTACATCTGATGAGACAA
QY	904									AAGCCCCATGGCACCAAGCAGCAAGGAGTGTGTC
Db	588									AGGCGCTGAGAACCCAGTACGGGCTGGTACATGGC
QY	1024									CGGGGAGGGCCCAAGACCGGGAGAACCGAGGAC
Db	648									CCCGGAAGGGTCCAGACCGCCAGCATGCGGGAGG
QY	1084									CCCAAGGGCAGC 1096
Db	708									CGGGGGCCAC 720

RESULT 10
US-09-276-531-1
; Sequence 1, Application US/09276531
; Patent No. 618398
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Hal, Preeti
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Yue, Henry
; APPLICANT: Reddy, Roopa
; APPLICANT: Guebler, Karl J.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF GENES ENCODING RECEPTORS AND PROTEINS ASSOCIATED WITH CELL PROLIFERATION
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3134 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/276,531
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 60/079,677
; FILING DATE: March 27, 1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Lynn E. Murry, Ph.D.
; REGISTRATION NUMBER: 42,918
; REFERENCE/DOCKET NUMBER: PA-0008 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; IMMEDIATE SOURCE:
; LIBRARY: PROSTUT05
; CLONE: 843193
; US-09-276-531-1
Query Match 13.4%; Score 211; DB 4; Length 141;
Best Local Similarity 67.8%; Pred. No. 1.6e-30;
Matches 295; Conservative 0; Mismatches 140; Indels 0; Gaps 0;
Qy 656 ACGTGGAGAACGACGCGGGCTGGAGATGAGCCGTAAGCAGCTGGCTGTACCTGGAAACATCCAGTCGGCTCTGGCCGCGAGGATCAGTGCC 715
Db 897 ACCTGAGGGCACAGGGGCCATGACGCCGACGCCAGTCGGCTGGAGCTGGAGCTGGAGATCAGTGCC 956
Qy 716 AGCTCTACAGCCGACGAGCTGGAAACATCCAGTCGGCTCTGGCCGCGAGGATCAGTGCC 775
Db 957 AACCTACAGCAGCACAGTCGGCAAGCAGCTGGAGCTGGAGCTGGAGATCAGTGCC 1016
Qy 776 GGGGAGGATGGGACAGATGCCAGCTCCTAGTGGAGAACAGACACCCCTCGTAGTC 835
Db 1017 CGCGCAGGAGGGCACAGTCGGCTGGAGCTGGAGACGCCAGCTGGAGATCAGTGCC 1076
Qy 836 AAGTCGGATCAAGGGCAAGGAGAGCGGAATCTAACCTGAGCATGACGCCAGGGCAAGGCAAGC 895
Db 1077 GGTTGCGCATCAAGGGCTGAGGTGAGAGATCATCTGGATGACACAGAGGGCAAGC 1136
; RESULT 11
; US-08-951-822-19
; Sequence 19, Application US/08951822A
; Patent No. 598986
; GENERAL INFORMATION:
; APPLICANT: Deisher, Theresa A.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Raymond, Renella
; APPLICANT: Bukowski, Thomas R.
; APPLICANT: Holderman, Susan D.
; APPLICANT: Hansen, Birgit
; APPLICANT: Shepard, Paul O.
; TITLE OF INVENTION: NOVEL FGF HOMOLOGS
; FILE REFERENCE: 96-20
; CURRENT APPLICATION NUMBER: US/08/951,822A
; CURRENT FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 141
; OTHER INFORMATION: 5' linker sequence
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' linker sequence
; US-08-951-822-19
Query Match 6.3%; Score 99; DB 2; Length 141;
Best Local Similarity 100.0%; Pred. No. 3.9e-10;
Matches 99; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 631 GAGGAGAACCTGGACTTCGGCATCAAGCTGGAGAACAGACGCCGGCTGGGACGATGTC 690
Db 43 GAGGAGAACCTGGACTTCGGCATCAAGCTGGAGAACAGACGCCGGCTGGGACGATGTC 102
Qy 691 AGCCCTAAGCTGGCGCTTACAGCTTACACCCG 729
Db 103 AGCCCTAAGCTGGCGCTTACAGCTTACACCCG 141
; RESULT 12
; US-09-17-043-29
; Sequence 29, Application US/09173043
; Patent No. 6207442
; GENERAL INFORMATION:
; APPLICANT: Raymond, Christopher K.
; TITLE OF INVENTION: PLASMID CONSTRUCTION BY HOMOLOGOUS RECOMBINATION
; TITLE OF INVENTION: RECOMBINATION FILE REFERENCE: 97-27
; CURRENT APPLICATION NUMBER: US/09/173,043
; CURRENT FILING DATE: 1998-10-15
; EARLIER APPLICATION NUMBER: US 60/062,061
; EARLIER FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: fastSEQ for Windows Version 3.0
; SEQ ID NO 29

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA linker
; US-09-173-043-29

Query Match          6.3%; Score 99; DB 4; Length 141;
Best Local Similarity 100.0%; Pred. No. 3.9e-10;
Matches 99; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; SEQ ID NO 1
; LENGTH: 477
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-133-994-1

Query Match          4.7%; Score 74.4; DB 4; Length 477;
Best Local Similarity 56.6%; Pred. No. 1.6e-05;
Matches 138; Conservative 0; Mismatches 106; Indels 0; Gaps 0;
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 1
; LENGTH: 477
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-133-994-1

Query Match          4.7%; Score 74.4; DB 4; Length 477;
Best Local Similarity 56.6%; Pred. No. 1.6e-05;
Matches 138; Conservative 0; Mismatches 106; Indels 0; Gaps 0;
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 1
; LENGTH: 477
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-133-994-1

QY  631 GAGGAGAACGGACTTCGCATCCAGCTGGAAACCGACGGGACTCGGGACGATGTG 690
Db  43 GAGGAGAACGGACTTCGCATCCAGCTGGAAACCGACGGGACTCGGGACGATGTG 102
QY  691 AGCGGTAAGCAGCTGGACTTCGCATCCAGCTGGAGAACAGACGGGCTCGGGCTCGGGACGATGTG 729
Db  103 AGCGGTAAGCAGCTGGACTTCGCATCCAGCTGGAAACCGACGGGACTCGGGACGATGTG 141
RESULT 13
US-09-368-951-19
; Sequence 19, Application US/09368951
; Patent No. 6352971
; GENERAL INFORMATION:
; APPLICANT: Disher, Theresa A.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Raymond, Fenella
; APPLICANT: Bokowski, Thomas R.
; APPLICANT: Holderman, Susan D.
; APPLICANT: Hansen, Birgit
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: NOVEL FGF HOMOLOGS
; FILE REFERENCE: 96-20
; CURRENT APPLICATION NUMBER: US/09/368, 951
; EARLIER APPLICATION NUMBER: 08/951, 822
; EARLIER FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 141
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' linker sequence
; US-09-368-951-19

Query Match          6.3%; Score 99; DB 4; Length 141;
Best Local Similarity 100.0%; Pred. No. 3.9e-10;
Matches 99; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; SEQ ID NO 1
; LENGTH: 599
; TYPE: DNA
; ORGANISM: Artificial Sequence
; US-09-368-951-19

Query Match          4.7%; Score 74; DB 6; Length 599;
Best Local Similarity 53.1%; Pred. No. 2e-05;
Matches 205; Conservative 0; Mismatches 175; Indels 6; Gaps 2;
; SEQ ID NO 1
; LENGTH: 599
; TYPE: DNA
; ORGANISM: Artificial Sequence
; US-09-368-951-19

Query Match          4.7%; Score 74; DB 6; Length 599;
Best Local Similarity 53.1%; Pred. No. 2e-05;
Matches 205; Conservative 0; Mismatches 175; Indels 6; Gaps 2;
; SEQ ID NO 1
; LENGTH: 599
; TYPE: DNA
; ORGANISM: Artificial Sequence
; US-09-368-951-19

QY  631 GAGGAGAACGGACTTCGCATCCAGCTGGAAACCGACGGGACTCGGGACGATGTG 690
Db  43 GAGGAGAACGGACTTCGCATCCAGCTGGAAACCGACGGGACTCGGGACGATGTG 102
QY  691 AGCGGTAAGCAGCTGGACTTCGCATCCAGCTGGAGAACAGACGGGCTCGGGCTCGGGACGATGTG 729
Db  103 AGCGGTAAGCAGCTGGACTTCGCATCCAGCTGGAAACCGACGGGACTCGGGACGATGTG 141
RESULT 14
USS-09-135-994-1
; Sequence 1, Application US/09135994A
; Patent No. 6280938
; GENERAL INFORMATION:
; APPLICANT: Ranum et al.
; TITLE OF INVENTION: SCAT GENE AND METHODS OF USE
; FILE REFERENCE: University of Minnesota
; CURRENT APPLICATION NUMBER: US/09/135, 994A
; CURRENT FILING DATE: 1998-08-18
; EARLIER APPLICATION NUMBER: 6/0/056, 170
; EARLIER FILING DATE: 1997-08-19
; NUMBER OF SEQ ID NOS: 14

Query Match          4.7%; Score 74; DB 6; Length 599;
Best Local Similarity 53.1%; Pred. No. 2e-05;
Matches 205; Conservative 0; Mismatches 175; Indels 6; Gaps 2;
; SEQ ID NO 1
; LENGTH: 599
; TYPE: DNA
; ORGANISM: Artificial Sequence
; US-09-135-994-1

QY  649 CGCATCAGCTGGAGAACAGACGGGGCGGGACTACCTGCGTGGCAAGCGCTCGGGCTCGGGAGATTC 708
Db  103 CCGAAAGGAGGGGGCTCACAGCGGACACTGGAAACACATCGAGGCTCTGGCGCGAGGATTC 768
QY  709 CTGTACCGACTCACGCCGACCACTGGAAACACATCGAGGCTCTGGCGCGAGGATTC 162
Db  163 CGGGGGCTACTGAACTGGGACATCGGTTCCACCTCGGGCT--CCCGACGCG 219
QY  769 AGTGGCGCGGAGGATGGGAGACAGTATGGCGACGGCTAGTGAGAGACAGACCTTC 828
Db  220 CGCATCGGCGCGCAGCGACACCCGAGACCTCTGGAGCTCTCGCCGTTGGAG 279
QY  829 GGTGAGTCAGTCGGGAGGGAGGAGGAGGAATTCCTACCGTGTGCACTGAGACCGCAA 888
Db  280 CGGGGGTGGTGGAGCATCTGGCGTGGCGACGGCGTGGCGTGGCGCATGAGCGAG 339
QY  889 GGCAGCTCTGGGAGGGAGGGAGGAGGAGGAGGAGGAGGATTCCTACCGTGTGCACTGAGAGGT 948
Db  340 GGCAAGCTCATGGGCTGGCTTCACGG--ATGAGTCAAGTCAAGGAGATTC 396
QY  949 CTGGAGAACACTACAGGCCCTGATGTGGCTAAGTACTCCGGCTGGTACGGGGCTTC 1008

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Db
397 CTCCTCCAAACACTAACAGCCTAGGAGTCCTACAGTACCCCGCATGTTCAATGCCCTG 456
QY
1009 ACCAAGAAGGGGCCGCAGGG 1034
Db
457 AGCAGAAGGGAGACCAGAGGG 482

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